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Streamflow Forecast Summary: May 1, 2012 (averages based on 1981-2010 reference period)

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Central Yukon Basin	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	MAY-JUL	4110	5150	6000	107%	6990	8760	5600
Yukon R nr Stevens Village	MAY-JUL	45900	49700	52200	112%	54700	58500	46800

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TANANA BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	MAY-JUL	172	224	250	98%	296	348	255
Little Chena R nr Fairbanks	MAY-JUL	48	62	70	97%	80	94	72
Salcha R nr Salchaket	MAY-JUL	375	470	535	90%	610	725	595
Tanana R at Fairbanks	MAY-JUL	6190	6770	7160	107%	7560	8140	6680
Tanana R at Nenana	MAY-JUL	7320	8030	8520	101%	9010	9730	8470

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	MAY-JUN	5670	8550	10500	110%	12500	15300	9550

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Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse	MAY-JUL	560	690	795	100%	915	1130	795
Sagavanirktok R nr Pump Station 3	MAY-JUL	485	610	715	105%	835	1050	683

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough	MAY-JUL	335	405	455	102%	500	570	445

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer	MAY-JUL	74	85	93	111%	100	112	84
Talkeetna R nr Talkeetna	MAY-JUL	1390	1540	1640	103%	1740	1890	1590

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage	MAY-JUL	57	65	70	123%	75	83	57

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast

KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing	MAY-JUL	895	965	1010	113%	1060	1130	890

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau	MAY-JUL	35	39	42	135%	45	50	31

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